

## EAST Search History

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
L1	1656	600/437.ccls. and (amplitude\$1 and "120" degree pulse and "180" degree pulse\$1 and summ \$5 signal\$1) and (fundamental wave \$1 and second and first order harmonic \$1 ) and (contrast imag\$4 microbubble\$1)	US-PGPUB; USPAT	OR	OFF	2008/12/17 21:59
L2	469	600/458.ccls. and (amplitude\$1 and "120" degree pulse and "180" degree pulse\$1 and summ \$5 signal\$1) and (fundamental wave \$1 and second and first order harmonic \$1 ) and (contrast imag\$4 microbubble\$1)	US-PGPUB; USPAT	OR	OFF	2008/12/17 22:00
L3	327	600/454.ccls. and (amplitude\$1 and "120" degree pulse and "180" degree pulse\$1 and summ \$5 signal\$1) and (fundamental wave \$1 and second and first order harmonic \$1 ) and (contrast imag\$4 microbubble\$1)	US-PGPUB; USPAT	OR	OFF	2008/12/17 22:00

L4	37	600/465.ccls. and (amplitude\$1 and "120" degree pulse and "180" degree pulse\$1 and summ\$5 signal\$1) and (fundamental wave \$1 and second and first order harmonic \$1 ) and (contrast imag\$4 microbubble\$1)	US-PGPUB; USPAT	OR	OFF	2008/12/17 22:00
S4	4	(transmit\$4 and receiv\$4 pulse\$1 with contrast microbubble\$1) and (suppress\$4 pulse\$1 and fundamental wave \$1 and second order harmonic\$1) and (pulse\$1 amplifier\$1 and amplitude\$1 MPa)	US-PGPUB; USPAT	AND	OFF	2008/12/16 13:55
S5	7	(transmit\$4 and receiv\$4 pulse\$1 and contrast microbubble\$1) and (suppress\$4 pulse\$1 and fundamental wave \$1 and second order harmonic\$1) and (pulse\$1 amplifier\$1 and amplitude\$1 MPa)	US-PGPUB; USPAT	AND	OFF	2008/12/16 15:45
S6	169	(waveform\$1 and contrast microbubble\$1) and (summ\$4 fundamental wave \$1 and second order harmonic\$1) and (display\$4 fundamental amplitude\$1)	US-PGPUB; USPAT	AND	OFF	2008/12/16 16:08

S7	5	(waveform\$1 and contrast microbubble\$1) and (summ\$4 fundamental wave \$1 and second order harmonic\$1) and (display\$4 fundamental amplitude\$1 S5 MPa)	US-PGPUB; USPAT	AND	OFF	2008/12/16 16:09
S8	0	(pulse\$1 with contrast microbubble\$1) and (display\$4 fundamental amplitude\$1 and first cesond third order harmonic\$4)	US-PGPUB; USPAT	AND	OFF	2008/12/16 17:12
S9	123	(pulse\$1 with contrast microbubble\$1) and (display\$4 fundamental amplitude\$1 and first second third order harmonic\$4)	US-PGPUB; USPAT	AND	OFF	2008/12/16 17:12
S10	0	display\$ amplitude \$1 and first order harmonic\$1 and second order harmonic\$1	US-PGPUB; USPAT	ADJ	OFF	2008/12/16 17:30
S11	0	display\$ amplitude \$1 and third order harmonic\$1 and second order harmonic\$1	US-PGPUB; USPAT	ADJ	OFF	2008/12/16 17:31
S12	1	display\$ amplitude \$1 and second order harmonic\$1	US-PGPUB; USPAT	ADJ	OFF	2008/12/16 17:31
S13	0	(signal amplitude and sound pressure) and ( zero "0" degree pulse and "180" degree pulse\$1 and summ\$5 signal\$1)	US-PGPUB; USPAT	AND	OFF	2008/12/16 19:12

S14	1	(signal amplitude \$1 and zero "0" degree pulse and "180" degree pulse \$1 and summ\$5 signal\$1)	US-PGPUB; USPAT	AND	OFF	2008/12/16 19:13
S15	0	(signal amplitude \$1 and zero degree pulse and "180" degree pulse \$1 and summ\$5 signal\$1) and (hamonic\$1 filter \$5)	US-PGPUB; USPAT	AND	OFF	2008/12/16 19:15
S16	0	(amplitude\$1 and "120" degree pulse and "180" degree pulse\$1 and summ\$5 signal\$1) and (hamonic\$1 filter \$5)	US-PGPUB; USPAT	AND	OFF	2008/12/16 19:15
S17	0	(amplitude\$1 and "120" degree pulse and "180" degree pulse\$1) and (hamonic\$1 filter \$5)	US-PGPUB; USPAT	AND	OFF	2008/12/16 19:15
S18	0	(amplitude\$1 and "120" degree pulse and "180" degree pulse\$1) and (harmonic\$1 filter \$5)	US-PGPUB; USPAT	AND	OFF	2008/12/16 19:15
S19	2566	(amplitude\$1 and "120" degree pulse and "180" degree pulse\$1) and (harmonic\$1 filter \$5)	US-PGPUB; USPAT	AND	OFF	2008/12/16 19:15
S20	2404	(amplitude\$1 and "120" degree pulse and "180" degree pulse\$1 and summ\$5 signal\$1) and (harmonic\$1 filter \$5)	US-PGPUB; USPAT	AND	OFF	2008/12/16 19:16

S21	34	(amplitude\$1 and "120" degree pulse and "180" degree pulse\$1 and summ \$5 signal\$1) and (harmonic\$1 filter \$5) and (contrast imag\$4 microbubble\$1)	US-PGPUB; USPAT	AND	OFF	2008/12/16 19:17
S22	30	(amplitude\$1 and "120" degree pulse and "180" degree pulse\$1 and summ \$5 signal\$1) and (fundamental wave \$1 and second and first order harmonic \$1 ) and (contrast imag\$4 microbubble\$1)	US-PGPUB; USPAT	AND	OFF	2008/12/16 19:19

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